

## CHAPTER : NUMPY

Q1. Define Numpy

Q2. Write command to install Numpy

Q3. Differentiate Numpy and List. Which one is better?

Q4. Define RANK, SHAPE, DTYPE, SIZE with reference to NumPy Array.

Q5. Create 5 x 6 arrays of ONE's

Q6. Create an array of 30 elements which contains (with equal difference) between 1 to 125

Q7. What is the use of arange()function while creating an NumPy array.

Q8. What is happening in this statement..

```
x = np.arange(15).reshape(3,5)
```

Q9. Explain the following statement

```
y = array([0., 1., 2.]
```

```
np.zeros_like(y)
```

Q10. What are the different methods to create NumPy Array?

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